|  | Index of Claims                       |             |          |          |          |           |           |             |          |              |  |           |           | Application No.        |                        |          |          |              |                 |           |          |            |                     | Applicant(s) |                 |          |         |                   |          |   |
|--|---------------------------------------|-------------|----------|----------|----------|-----------|-----------|-------------|----------|--------------|--|-----------|-----------|------------------------|------------------------|----------|----------|--------------|-----------------|-----------|----------|------------|---------------------|--------------|-----------------|----------|---------|-------------------|----------|---|
| I MANGALITANI ANDIKANDAN ANDALIKAN BIRAN ANDALIKAN ANDALIKAN |                                       |             |          |          |          |           |           |             |          |              |  |           | .         | 10/051,247             |                        |          |          |              |                 |           |          |            | TEUBNER, RUSSELL W. |              |                 |          |         |                   |          |   |
|  |                                       |             |          |          |          |           |           |             |          |              |  |           |           |                        | Examiner               |          |          |              |                 |           |          |            |                     | Art Unit     |                 |          |         |                   |          |   |
|  |                                       |             |          |          |          |           |           |             |          |              |  |           | ١.        | St. John Courtemen III |                        |          |          |              |                 |           |          |            | 0400                |              |                 |          |         |                   |          |   |
| <del></del>  |                                       |             |          |          |          |           |           |             |          |              |  |           |           | :                      | St. John Courtenay III |          |          |              |                 |           |          |            |                     | 2126         |                 |          |         |                   | _        |   |
|  |                                       |             | $\Box$   | Γ        |          |           | _         |             | Г        |              | /9PL   |           |           |                        | _                      | ۱ ا      |          | <u> </u>     |                 |           |          | ר          |                     |              |                 |          |         | ٦                 |          |   |
|  | √ Rejected (Through nume<br>Cancelled |             |          |          |          |           |           |             |          |              | eral   | )         |           | Non-Ele                |                        |          | -Elec    | ted          |                 | A         |          | App        | eal                 |              |                 |          |         |                   |          |   |
|  |                                       |             | $\vdash$ |          |          |           | -         |             | -        | +            |  | Cariceneu |           |                        |                        |          | $\vdash$ | _            |                 |           |          | H          |                     |              |                 | 4        |         |                   |          |   |
|  |                                       |             |          | Allowed  |          |           | d         | ÷           |          |              | Restricted                                     |           |           |                        | Inte                   |          |          | Interference |                 |           | 0        | Objected   |                     |              | ŀ               |          |         |                   |          |   |
|  |                                       |             |          | <u> </u> |          |           | لــــ     |             | L        |              |  |           |           |                        |                        |          |          |              |                 |           |          | J          | Ш                   |              |                 |          | J       |                   |          |   |
| ſ  | Cla                                   | aim         | Π        |          |          | C         | Date      | e           |          |              | Claim  |           |           |                        | Date                   |          |          |              |                 | $\neg$    | Г        | laim       |                     | Date         |                 |          |         |                   |          |   |
|  |                                       |             | 2        |          |          |           |           |             | T        |              | i 🗀  | T         | П         |                        |                        |          |          |              |                 |           |          | T          |                     |              | П               | Ť        | Т       |                   | П        |   |
|  | Final                                 | ig.         | 13)      |          |          |           |           |             |          |              | Final  | Original  |           |                        |                        |          |          |              |                 |           | Final    | Original   |                     |              |                 |          |         |                   |          |   |
|  | ш                                     | Original    | 05       |          |          |           |           |             |          |              | "  | ŏ         |           |                        |                        |          |          |              |                 |           | [        | Q          |                     |              |                 |          |         |                   |          |   |
|  |                                       |             | V        | $\vdash$ | П        |           |           | $\dashv$    | +        | +            |  | 51        | $\vdash$  | $\top$                 | +                      |          |          | ┢╌           | ${}^{\dagger}$  | $\dashv$  | _        | 101        | $\vdash \vdash$     |              | $\vdash$        | +        | +       | +                 | $\vdash$ |   |
| ĺ  |                                       | 2           | V        |          |          |           |           | $\Box$      |          | $\perp$      |  | 52        |           |                        |                        |          |          |              |                 |           |          | 102        |                     |              |                 |          | I       |                   |          |   |
| }  |                                       | 3           | 11 1/1   |          |          | $\vdash$  | $\dashv$  | $\dashv$    | -        | +-           |  | 53<br>54  |           | +                      | +                      | Н        | _        |              | $\vdash \vdash$ | _         | <u> </u> | 103<br>104 | $\vdash$            |              | $\vdash$        | +        | +       | -                 | Щ        |   |
| ł  |                                       | 5           | =        |          | -        | $\vdash$  | $\dashv$  | $\dashv$    | +        | ╁            |  | 55        | $\vdash$  | +                      | ╁┈                     | Н        | H        | ┝            | $\vdash$        | $\dashv$  | -        | 104        | H                   |              | $\vdash$        | $\dashv$ |         | +                 | $\dashv$ |   |
| į  |                                       | 6           | D        |          |          |           |           |             |          |              |  | 56        |           | $\top$                 |                        |          |          |              |                 |           |          | 106        |                     |              |                 |          |         |                   | $\Box$   | • |
|  |                                       | 7           | 0        |          |          |           |           | $\dashv$    | _ _      | _            |  | 57        |           | 1                      |                        |          |          |              |                 |           |          | 107        |                     |              |                 | $\perp$  |         | $oxed{\Box}$      |          |   |
| }  |                                       | 8<br>9      | 0        | H        |          | $\dashv$  | $\dashv$  | $\dashv$    | +        | +            | <b> </b>                                       | 58<br>59  | $\vdash$  | +                      | +-                     | -        |          |              | $\vdash$        | -         | -        | 108<br>109 | $\vdash$            | $\dashv$     | $\vdash$        | +        | +       | +                 | $\dashv$ |   |
|  |                                       | 10          | 11       | Н        |          |           | $\exists$ | 7           | $\dashv$ | +            |  | 60        | $\vdash$  | +                      | $\top$                 |          | -        | _            | $\Box$          | $\dashv$  | <u> </u> | 110        | $\vdash$            | $\dashv$     | $\Box$          | 十        |         | +                 | $\dashv$ |   |
| ļ  |                                       | 11          | 11       |          |          |           | $\Box$    | $\sqsupset$ | $\Box$   |              |  | 61        |           | 工                      |                        |          |          |              |                 |           |          | 111        |                     |              |                 |          |         |                   |          | , |
| }  |                                       | 12          | 11 11    | H        | -        | Н         | -         | -           | +        | -            |  | 62<br>63  | -         | +                      | +                      | $\dashv$ |          | _            | $\vdash$        |           | <u> </u> | 112<br>113 | $\vdash$            | _            | $\vdash$        | _        | +-      | +                 | Ш        |   |
| 1  | _                                     | 14          | 1:       |          | $\neg$   |           | $\dashv$  | $\dashv$    | +        | +            |  | 64        | 1         | +                      | +                      |          | Н        | $\vdash$     | ╁┼              | $\dashv$  | -        | 114        | $\vdash$            | ╅            |                 | -        | +       | +                 | Н        |   |
| [  |                                       | <b>(15)</b> | V        |          |          |           | $\Box$    | 二           |          | 上            |  | 65        |           |                        |                        |          |          |              |                 |           |          | 115        |                     | 上            |                 |          |         |                   |          |   |
|  |                                       | 16          | ٥        |          |          | Н         | 4         | $\dashv$    | +        | $\bot$       |  | 66        |           | $\perp$                | $\bot$                 |          |          | L            |                 |           |          | 116        | $\square$           |              | П               | $\Box$   | _       | Щ                 |          |   |
| -  |                                       | 17<br>18    | H        | _        |          | $\vdash$  |           | $\dashv$    | +        | +-           | <b> </b>                                       | 67<br>68  | $\vdash$  | +                      | ╁┤                     |          |          | <u> </u>     | Н               | -         | -        | 117        | $\vdash$            |              | Н               | $\dashv$ | +       | +                 | Н        |   |
| Ì  |                                       | 19          |          |          |          |           | 1         | $\dashv$    | $\top$   | -            |  | 69        | $\forall$ | +                      | $\top$                 |          |          | $\vdash$     | $\vdash$        | $\dashv$  |          | 119        | $\vdash$            | +            | $\vdash$        | 十        | +       |                   | $\dashv$ |   |
| . [  |                                       | 20          |          |          |          | $\Box$    | $\Box$    | $\sqsupset$ |          | $\bot$       |  | 70        | $\Box$    |                        | $\Box$                 |          |          |              |                 |           |          | 120        |                     |              | П               |          |         |                   |          |   |
| }  |                                       | 21<br>22    |          |          |          | $\vdash$  | $\dashv$  |             | +        | +-           | <del>                                   </del> | 71<br>72  | $\vdash$  | +                      | +                      | _        | _        | -            | $\vdash \vdash$ | $\dashv$  |          | 121<br>122 | $\vdash$            |              | Н               | -        | +       | +                 | $\dashv$ |   |
| Ì  |                                       | 23          | Н        | _        |          | $\exists$ |           | $\dashv$    | +        | +            | l  | 73        | $\vdash$  | +                      | +                      |          | _        | ┢            | $\vdash$        | $\dashv$  |          | 123        | H                   | +            | H               | +        | +       | +                 | $\dashv$ |   |
| į  |                                       | 24          |          |          |          |           |           | コ           |          |              |  | 74        |           |                        |                        |          |          |              |                 |           |          | 124        |                     |              |                 |          |         |                   |          |   |
|  |                                       | 25<br>26    | Ш        |          |          | $\dashv$  | $\dashv$  | $\dashv$    | -        | ļ            |  | 75<br>76  |           | _                      | -                      |          | Щ        | L            | $\sqcup$        | 4         | <u></u>  | 125        | $\sqcup$            |              | $\square$       | 4        |         |                   | $\Box$   |   |
| ŀ  |                                       | 27          | H        |          |          | $\dashv$  | $\dashv$  | $\dashv$    | +        |              | <del> </del>                                   | 76<br>77  | $\dashv$  | ┽                      | +                      |          | _        | $\vdash$     | $\vdash$        | -         | -        | 126<br>127 | $\vdash$            |              | $\vdash$        | +        | +       | ╁┤                | $\dashv$ |   |
|  |                                       | 28          |          |          |          |           |           | 1           |          |              |  | 78        | $\Box$    |                        |                        |          |          |              |                 |           |          | 128        |                     | _            | П               | $\dashv$ | +       | Ħ                 | $\neg$   |   |
|  |                                       | 29          |          |          |          |           | _         | $\dashv$    | $\perp$  |              |  | 79        | $\perp$   | 1                      |                        |          |          |              |                 | _         |          | 129        | П                   |              | Ш               |          | $\perp$ |                   |          |   |
| ŀ  |                                       | 30<br>31    |          | Н        | $\dashv$ | $\dashv$  | ᅱ         | $\dashv$    | $\dashv$ | +            | -  | 80        | -         | ╫                      | ╁                      | $\dashv$ | -        | H            | $\vdash$        | -         | -        | 130        | -                   | $\dashv$     | Н               | $\dashv$ | +       | +                 | $\dashv$ |   |
| Į  |                                       | 32          |          |          |          |           | ╛         | 士           |          |              |  | 82        |           | +                      | $\Box$                 |          |          | <u> </u>     | $\Box$          | _         |          | 132        | $\Box$              | $\dashv$     | $\vdash$        | $\dashv$ | ╅       | +                 | Н        |   |
| ļ  |                                       | 33          |          |          |          | $\Box$    |           | $\exists$   |          | <u> </u>     |  | 83        | $\Box$    |                        |                        |          |          |              | П               |           |          | 133        | П                   |              |                 |          | 工       |                   |          |   |
| -  |                                       | 34<br>35    | $\vdash$ | $\dashv$ | $\dashv$ | -         | -         | $\dashv$    |          | +            |  | 84<br>85  | $\dashv$  | +                      | +                      |          | Н        |              | $\vdash$        | _         |          | 134        | $\vdash$            | - -          | $\vdash \vdash$ | -        |         | +                 | _        |   |
| ŀ  | -                                     | 36          | $\vdash$ |          | $\dashv$ | $\dashv$  | -         | $\dashv$    | $\dashv$ | +            |  | 86        | -+        | +                      | +                      |          | Н        |              | H               | $\dashv$  |          | 136        | $\vdash$            |              | Н               | $\dashv$ | +       | +                 | $\dashv$ |   |
| Ţ  |                                       | 37          |          |          |          |           |           | コ           |          |              |  | 87        |           |                        |                        |          |          |              |                 |           |          | 137        |                     |              |                 |          |         |                   |          |   |
| }  |                                       | 38          | $\sqcup$ | _        | $\dashv$ | $\dashv$  | _         | $\dashv$    | +        | +-           | <u> </u>                                       | 88        | 1         | +                      | +                      | _        | $\Box$   |              | Ш               | _         |          | 138        |                     |              | $\sqcup$        | $\perp$  |         | $\square$         | $\Box$   |   |
| • }  |                                       | 39<br>40    | Н        |          | _        | $\dashv$  | $\dashv$  | $\dashv$    | +        | ┿            | -  | 89<br>90  | +         | -                      | +                      | -        | _        | _            | 1-4             | -         |          | 139        | $\vdash$            |              | $\vdash$        | +        | +       | +                 | -        |   |
| į  |                                       | 41          |          |          |          |           |           | 士           | 士        | $\perp$      |  | 91        |           | $\pm$                  | 力                      |          |          |              | 旪               |           |          | 141        |                     |              |                 | $\dashv$ | +       | +                 | $\dashv$ |   |
| [  |                                       | 42          | П        |          | $\Box$   | $\exists$ | $\Box$    | $\dashv$    | $\bot$   | $oxed{\Box}$ |  | 92        |           | T                      |                        |          |          |              | П               | $\Box$    |          | 142        | Ш                   |              | П               | $\perp$  | 1       | $\Box$            |          |   |
| ŀ  | _                                     | 43<br>44    | $\vdash$ | -        | ᅱ        | -         | -         | +           | -        | +            | -  | 93<br>94  | $\vdash$  | +                      | +                      | -        | -        | <u> </u>     | $\vdash \vdash$ | $\dashv$  |          | 143        | $\vdash$            |              | $\vdash \vdash$ | +        | +       | +                 | $\sqcup$ |   |
| ŀ  |                                       | 45          | $\Box$   |          |          | $\exists$ | $\dashv$  | +           | +        | +            |  | 95        | +         | +                      | +-                     | -        | $\vdash$ | $\vdash$     | $\vdash \vdash$ | $\dashv$  |          | 144        | +                   | +-           | $\vdash$        | $\dashv$ | +       | $\forall$         | $\dashv$ |   |
| Ţ  |                                       | 46          |          | $\Box$   | $\Box$   |           | $\Box$    | ユ           | $\perp$  | $\Box$       |  | 96        |           |                        | $\Box$                 |          |          |              | 口               |           |          | 146        | П                   |              |                 |          |         |                   |          |   |
| }  |                                       | 47<br>48    | $\vdash$ |          | $\dashv$ | -         | $\dashv$  | +           | +        | 4-1          |  | 97<br>98  |           | +                      | $\dashv$               | 4        | $\sqcup$ |              | $\vdash \vdash$ | _         |          | 147        | $\vdash$            | _            | $\sqcup$        | _        | _       | $\Box$            |          |   |
| ł  |                                       | 49          | $\dashv$ | -        | $\dashv$ | $\dashv$  | $\dashv$  | +           | $\dashv$ | +            |  | 98        | +         | +                      | ++                     | $\dashv$ | $\dashv$ | Н            | $\vdash \vdash$ | $\dashv$  |          | 148<br>149 | $\vdash \vdash$     | +-           | $\vdash \vdash$ | +        | +       | +                 | $\dashv$ |   |
| į  |                                       | 50          |          |          |          |           |           | 士           |          |              |  | 100       |           |                        | 口                      |          |          |              | H               | $\exists$ |          | 150        | 口                   | _            | $\Box$          | $\top$   | +       | $\forall \exists$ | $\dashv$ |   |

Application No.

Applicant(s)